

**From:** [Lipscomb, Lora D](#)  
**To:** [Armstrong, Daniel K](#)  
**Subject:** FW: WV EOC - Safe Room Occupancy  
**Date:** Thursday, May 23, 2019 8:27:56 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)

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**From:** Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
**Sent:** Thursday, May 23, 2019 7:51 AM  
**To:** Lipscomb, Lora D <Lora.D.Lipscomb@wv.gov>  
**Subject:** FW: WV EOC - Safe Room Occupancy

Lonnie Bryson  
WV Division of Homeland Security  
Deputy Director Disaster Grants  
WV Division of Homeland Security and  
Emergency Management  
1703 Coonskin Drive  
Charleston, WV 25311  
W-304-558-5380  
W-304-957-7961  
C-304-382-7839  
[Lonnie.r.bryson@wv.gov](mailto:Lonnie.r.bryson@wv.gov)



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**From:** Bryson, Lonnie R  
**Sent:** Friday, January 25, 2019 11:44 AM  
**To:** Batch, Kelli R <[Kelli.R.Batch@wv.gov](mailto:Kelli.R.Batch@wv.gov)>  
**Subject:** RE: WV EOC - Safe Room Occupancy

Thanks Kelli, I saw Brian got it as well. The question they posed still doesn't answer the BCA piece though. I wonder if we could RFI the RFI.

R

Lonnie Bryson  
WV Division of Homeland Security  
Office Manager/Grants Coordinator  
WV Division of Homeland Security and  
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**From:** Batch, Kelli R <[Kelli.R.Batch@wv.gov](mailto:Kelli.R.Batch@wv.gov)>  
**Sent:** Friday, January 25, 2019 10:54 AM  
**To:** Bryson, Lonnie R <[Lonnie.R.Bryson@wv.gov](mailto:Lonnie.R.Bryson@wv.gov)>  
**Subject:** FW: WV EOC - Safe Room Occupancy

Matt Reynolds was emailed the information below on December 27<sup>th</sup>. I wanted to send this to you so you were in the loop.

Kelli

**From:** Trott, Cristina [<mailto:Cristina.Pop@fema.dhs.gov>]  
**Sent:** Friday, January 25, 2019 10:50 AM  
**To:** Batch, Kelli R <[Kelli.R.Batch@wv.gov](mailto:Kelli.R.Batch@wv.gov)>  
**Cc:** Robinette, Carrie <[carrie.robinette@fema.dhs.gov](mailto:carrie.robinette@fema.dhs.gov)>; Kenney, Eric <[KenneyED@cdmsmith.com](mailto:KenneyED@cdmsmith.com)>; Boyadjian, Dana <[boyadjianand@cdmsmith.com](mailto:boyadjianand@cdmsmith.com)>; [matthew.t.reynolds18.nfg@mail.mil](mailto:matthew.t.reynolds18.nfg@mail.mil)  
**Subject:** FW: WV EOC - Safe Room Occupancy

Kelli,

In looking through my emails, this is the last communication I have that was sent to Mr. Reynolds. I did not see a response back from him. He may not have received it. I am cc him on this email, so I'm not sure if it will go through. You may want to reach out to him.

Than you

*Cristina A. Trott (Pop), CGM*

Acting HMA Branch Chief  
Senior HMA / Grants Management Specialist  
DHS/FEMA/Region III  
615 Chestnut Street  
Sixth Floor  
Philadelphia, PA 19106-4404  
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**From:** Kenney, Eric <[KenneyED@cdmsmith.com](mailto:KenneyED@cdmsmith.com)>  
**Sent:** Thursday, December 27, 2018 2:11 PM  
**To:** [matthew.t.reynolds18.nfg@mail.mil](mailto:matthew.t.reynolds18.nfg@mail.mil)  
**Cc:** O'Connor, Brian C. <[OConnorBC@cdmsmith.com](mailto:OConnorBC@cdmsmith.com)>; Robinette, Carrie <[carrie.robinette@fema.dhs.gov](mailto:carrie.robinette@fema.dhs.gov)>; Pop, Cristina <[Cristina.Pop@fema.dhs.gov](mailto:Cristina.Pop@fema.dhs.gov)>; Penix, Brian M <[Brian.M.Penix@wv.gov](mailto:Brian.M.Penix@wv.gov)>; Boyadjian, Dana <[boyadjand@cdmsmith.com](mailto:boyadjand@cdmsmith.com)>  
**Subject:** WV EOC - Safe Room Occupancy

Good afternoon,

At our meeting, we discussed identifying the occupants of the EOC that would be protected in the event of a tornado. The BCA tool uses 3-time segments (screen shot below) that we would want to identify the population that would seek refuge in the EOC.

FEMA guide lines for the protected population [found in FEMA P-361 and the Hazard Mitigation Assistance (HMA) Guidance Addendum, C.3] identify a 0.5-mile travel distance (or 5 minutes) as the population that can be considered as protected by a safe room. The route would need to consider access considerations, so it is likely that most of the staff on the Air National Guard / National Guard facility would be considered – but if the facility would be restricted to airport passengers (i.e. – they would be not be allowed onto the base), they might not be considered part of the protected population.

I've copied Brian O'Connor who does many of our Safe Room reviews in case there are any more questions regarding the population protected.

cid:image001.png@01D496F0.86526050

Thank you,

Eric

**Eric D. Kenney, P.E., PMP, CFM**

Senior Project Manager

**CDM Smith**

10560 Arrowhead Drive, Suite 500 | Fairfax, Va | 22030

Phone 703.691.6576 | Fax 703.267.6083

Email: [kenneyed@cdmsmith.com](mailto:kenneyed@cdmsmith.com)

**From:** [Lipscomb, Lora D](#)  
**To:** [Armstrong, Daniel K](#)  
**Subject:** FW: FEMA EOC Grant  
**Date:** Thursday, May 23, 2019 8:27:26 AM

---

-----Original Message-----

From: Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
Sent: Thursday, May 23, 2019 7:56 AM  
To: Lipscomb, Lora D <Lora.D.Lipscomb@wv.gov>  
Subject: FW: FEMA EOC Grant

Lonnie Bryson  
WV Division of Homeland Security  
Deputy Director Disaster Grants  
WV Division of Homeland Security and  
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-----Original Message-----

From: Bryson, Lonnie R  
Sent: Tuesday, October 30, 2018 11:05 AM  
To: Todorovich, Michael L <Mike.L.Todorovich@wv.gov>  
Subject: FW: FEMA EOC Grant

Mike,

Just wanted to give you an update. I spoke with Todd at the FMO and also to CUB (he's been here 18 years and is the senior person on staff) about the RFI's, they have a clearer picture of what's going on but won't be able to provide any historic information about previous wind damage (no previous incidents they know about). We need to still do the BCA but I'm working the issue.

R

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-----Original Message-----

From: Reynolds, Matthew T NFG NG WVARNG (US) <[matthew.t.reynolds18.nfg@mail.mil](mailto:matthew.t.reynolds18.nfg@mail.mil)>

Sent: Tuesday, October 30, 2018 8:46 AM

To: Bryson, Lonnie R <[Lonnie.R.Bryson@wv.gov](mailto:Lonnie.R.Bryson@wv.gov)>

Cc: Holt, Murray E II COL USARMY NG WVARNG (US) <[murray.e.holt.mil@mail.mil](mailto:murray.e.holt.mil@mail.mil)>; Peal, Samuel W NFG NG WVARNG (US) <[samuel.w.peal2.nfg@mail.mil](mailto:samuel.w.peal2.nfg@mail.mil)>

Subject: FEMA EOC Grant

Lonnie,

Per our conversation this morning, the maintenance staff has no record of JFHQ Drill Hall repairs due to wind damage.

Additionally, our office has no additional information to provide for this grant application packet. All requested information was sent to Brian Penix at your office.

If you have any questions, please let us know.

Thank you.

Todd Reynolds  
Project Manager

WVARNG-CFMO  
1703 Coonskin Drive  
Charleston, WV 25311

304-561-6568 (O)

304-380-7226 (M)

304-561-6458 (F)

**From:** [Lipscomb, Lora D](#)  
**To:** [Armstrong, Daniel K](#)  
**Subject:** FW: Charleston EOC Update  
**Date:** Thursday, May 23, 2019 8:28:03 AM

---

-----Original Message-----

From: Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
Sent: Thursday, May 23, 2019 7:49 AM  
To: Lipscomb, Lora D <Lora.D.Lipscomb@wv.gov>  
Subject: FW: Charleston EOC Update

Lonnie Bryson  
WV Division of Homeland Security  
Deputy Director Disaster Grants  
WV Division of Homeland Security and  
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-----Original Message-----

From: Bryson, Lonnie R  
Sent: Monday, December 10, 2018 1:48 PM  
To: Reynolds, Matthew T NFG NG WVARNG (US) <[matthew.t.reynolds18.nfg@mail.mil](mailto:matthew.t.reynolds18.nfg@mail.mil)>; Dean, James W II COL USARMY NG WVARNG (USA) <[james.w.dean14.mil@mail.mil](mailto:james.w.dean14.mil@mail.mil)>  
Cc: Holt, Murray E II COL USARMY NG WVARNG (USA) <[murray.e.holt.mil@mail.mil](mailto:murray.e.holt.mil@mail.mil)>; Peal, Joseph S CIV NG WVARNG (US) <[joseph.s.peal.civ@mail.mil](mailto:joseph.s.peal.civ@mail.mil)>; Hodges, Melvin Paul (Rocky) LTC USARMY NG WVARNG (US) <[melvin.p.hodges.mil@mail.mil](mailto:melvin.p.hodges.mil@mail.mil)>; Peal, Samuel W NFG NG WVARNG (US) <[samuel.w.peal2.nfg@mail.mil](mailto:samuel.w.peal2.nfg@mail.mil)>; Penix, Brian M <[Brian.M.Penix@wv.gov](mailto:Brian.M.Penix@wv.gov)>; Todorovich, Michael L (Mike.L.Todorovich@wv.gov) <[Mike.L.Todorovich@wv.gov](mailto:Mike.L.Todorovich@wv.gov)>; Armstrong, Daniel K (Daniel.K.Armstrong@wv.gov) <[Daniel.K.Armstrong@wv.gov](mailto:Daniel.K.Armstrong@wv.gov)>; Batch, Kelli R (Kelli.R.Batch@wv.gov) <[Kelli.R.Batch@wv.gov](mailto:Kelli.R.Batch@wv.gov)>  
Subject: RE: Charleston EOC Update

All concerned,

I have spoken to Brian Penix and Kelli Batch (WVDSHEM employees) and we are awaiting a few things:

1. Clarification policy from FEMA Region III regarding using the former EOC damages in calculating benefit cost ratio. Our interpretation of the HMA guidance requires us to do it on the current facility so we need a final ruling from FEMA Region III allowing us to use the former EOC damages.

2. Annual expenses for EOC operation at both locations from our Operations Manager 3. Annual activations for EOC operations from our Operations Manager solely for WVDHSEM EOC 4. Use of past cost to develop a damage curve for Capitol versus Coonskin (HM TAP Engineers - so CDM Smith) 5. Population of the Guard complex (largest and smallest at any given time) for saferoom criteria if FEMA P-361 is used from the National Guard 6. Displacement costs (cost incurred to move the EOC to Coonskin permanently), from WVDHSEM Administration

R

Lonnie Bryson  
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Office Manager/Grants Coordinator  
WV Division of Homeland Security and  
Emergency Management  
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-----Original Message-----

From: Reynolds, Matthew T NFG NG WVARNG (US) <matthew.t.reynolds18.nfg@mail.mil>  
Sent: Monday, December 10, 2018 1:10 PM  
To: Dean, James W II COL USARMY NG WVARNG (USA) <james.w.dean14.mil@mail.mil>  
Cc: Holt, Murray E II COL USARMY NG WVARNG (USA) <murray.e.holt.mil@mail.mil>; Peal, Joseph S CIV NG WVARNG (US) <joseph.s.peal.civ@mail.mil>; Hodges, Melvin Paul (Rocky) LTC USARMY NG WVARNG (US) <melvin.p.hodges.mil@mail.mil>; Peal, Samuel W NFG NG WVARNG (US) <samuel.w.peal2.nfg@mail.mil>; Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>; Penix, Brian M <Brian.M.Penix@wv.gov>  
Subject: Charleston EOC Update

Sir,

Per our conversation on 06 DEC 18, please see below for a summary of the meeting with the designers, DHS and FEMA representatives regarding the Charleston EOC.

- It was determined that the best way forward for the grant application is to compare the costs of recurring damages at the Capitol EOC vs. the avoidance of these damages by moving the EOC to JFHQ - Charleston.
- Several pieces of information will be required from DHS to complete the cost-benefit analysis for this scenario
- I offered our assistance in completing any rough cost estimates regarding the recurring damages at the existing EOC located at the Capitol
- DHS or the engineering group will contact me if assistance is required
- I will be included on the emailing list for the engineering group and DHS to monitor progress regarding the EOC
- No timelines have been established as this was a meet and greet/first site visit meeting; I will push for timelines after I receive the first email from the group list

If you have any questions, please let me know.

V/R



Todd Reynolds  
Deputy Branch Chief - Design & Construction WVARNG-CFMO  
1703 Coonskin Drive  
Charleston, WV 25311

304-561-6568 (O)

304-380-7226 (M)

304-561-6458 (F)



**From:** [Lipscomb, Lora D](#)  
**To:** [Armstrong, Daniel K](#)  
**Subject:** FW: [Non-DoD Source] RE: WV EOC - Safe Room Occupancy  
**Date:** Thursday, May 23, 2019 8:27:34 AM

---

-----Original Message-----

From: Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
Sent: Thursday, May 23, 2019 7:53 AM  
To: Lipscomb, Lora D <Lora.D.Lipscomb@wv.gov>  
Subject: FW: [Non-DoD Source] RE: WV EOC - Safe Room Occupancy

Lonnie Bryson  
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Deputy Director Disaster Grants  
WV Division of Homeland Security and  
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-----Original Message-----

From: Kenney, Eric <KenneyED@cdmsmith.com>  
Sent: Friday, February 1, 2019 8:01 AM  
To: Reynolds, Matthew T NFG NG WVARNG (US) <matthew.t.reynolds18.nfg@mail.mil>; Batch, Kelli R <Kelli.R.Batch@wv.gov>; Trott, Cristina <Cristina.Pop@fema.dhs.gov>  
Cc: Robinette, Carrie <carrie.robinette@fema.dhs.gov>; Boyadjian, Dana <boyadjian@cdmsmith.com>; Holt, Murray E II COL USARMY NG WVARNG (USA) <murray.e.holt.mil@mail.mil>; Hodges, Melvin Paul (Rocky) LTC USARMY NG WVARNG (USA) <melvin.p.hodges.mil@mail.mil>; Peal, Samuel W NFG NG WVARNG (US) <samuel.w.peal2.nfg@mail.mil>; Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
Subject: RE: [Non-DoD Source] RE: WV EOC - Safe Room Occupancy

Thank you very much - I've passed this over to our team and will let you know if we have any follow up questions.

Eric

-----Original Message-----

From: Reynolds, Matthew T NFG NG WVARNG (US) <matthew.t.reynolds18.nfg@mail.mil>  
Sent: Tuesday, January 29, 2019 11:12 AM  
To: Batch, Kelli R <Kelli.R.Batch@wv.gov>; Trott, Cristina <Cristina.Pop@fema.dhs.gov>  
Cc: Robinette, Carrie <carrie.robinette@fema.dhs.gov>; Kenney, Eric <KenneyED@cdmsmith.com>; Boyadjian,

Dana <boyadjian@cdmsmith.com>; Holt, Murray E II COL USARMY NG WVARNG (USA)  
<murray.e.holt.mil@mail.mil>; Hodges, Melvin Paul (Rocky) LTC USARMY NG WVARNG (USA)  
<melvin.p.hodges.mil@mail.mil>; Peal, Samuel W NFG NG WVARNG (US) <samuel.w.peal2.nfg@mail.mil>;  
Bryson, Lonnie R <Lonnie.R.Bryson@wv.gov>  
Subject: RE: [Non-DoD Source] RE: WV EOC - Safe Room Occupancy

All,

Please see attached pdf for information.

If you have any questions, please contact me.

Thank you.

Todd Reynolds  
Deputy Branch Chief - Design & Construction WVARNG-CFMO  
1703 Coonskin Drive  
Charleston, WV 25311

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304-380-7226 (M)

304-561-6458 (F)

-----Original Message-----

From: Batch, Kelli R [<mailto:Kelli.R.Batch@wv.gov>]

Sent: Friday, January 25, 2019 10:53 AM

To: Trott, Cristina <Cristina.Pop@fema.dhs.gov>

Cc: Robinette, Carrie <carrie.robinette@fema.dhs.gov>; Kenney, Eric <KenneyED@cdmsmith.com>; Boyadjian, Dana <boyadjian@cdmsmith.com>; Reynolds, Matthew T NFG NG WVARNG (US) <matthew.t.reynolds18.nfg@mail.mil>

Subject: [Non-DoD Source] RE: WV EOC - Safe Room Occupancy

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---

Thank you, Cristina. I will also forward this on to Lonnie Bryson.

From: Trott, Cristina [Caution-<mailto:Cristina.Pop@fema.dhs.gov>]

Sent: Friday, January 25, 2019 10:50 AM

To: Batch, Kelli R <Kelli.R.Batch@wv.gov>

Cc: Robinette, Carrie <carrie.robinette@fema.dhs.gov>; Kenney, Eric <KenneyED@cdmsmith.com>; Boyadjian, Dana <boyadjian@cdmsmith.com>; matthew.t.reynolds18.nfg@mail.mil

Subject: FW: WV EOC - Safe Room Occupancy

Kelli,

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Than you

Cristina A. Trott (Pop), CGM

Acting HMA Branch Chief

Senior HMA / Grants Management Specialist

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To: matthew.t.reynolds18.nfg@mail.mil < Caution-<mailto:matthew.t.reynolds18.nfg@mail.mil> >  
Cc: O'Connor, Brian C. <OConnorBC@cdmsmith.com < Caution-<mailto:OConnorBC@cdmsmith.com> > >; Robinette, Carrie <carrie.robinette@fema.dhs.gov < Caution-<mailto:carrie.robinette@fema.dhs.gov> > >; Pop, Cristina <Cristina.Pop@fema.dhs.gov < Caution-<mailto:Cristina.Pop@fema.dhs.gov> > >; Penix, Brian M <Brian.M.Penix@wv.gov < Caution-<mailto:Brian.M.Penix@wv.gov> > >; Boyadjian, Dana <boyadjian@cdmsmith.com < Caution-<mailto:boyadjian@cdmsmith.com> > >  
Subject: WV EOC - Safe Room Occupancy

Good afternoon,

At our meeting, we discussed identifying the occupants of the EOC that would be protected in the event of a tornado. The BCA tool uses 3-time segments (screen shot below) that we would want to identify the population that would seek refuge in the EOC.

FEMA guide lines for the protected population [found in FEMA P-361 and the Hazard Mitigation Assistance (HMA) Guidance Addendum, C.3] identify a 0.5-mile travel distance (or 5 minutes) as the population that can be considered as protected by a safe room. The route would need to consider access considerations, so it is likely that most of the staff on the Air National Guard / National Guard facility would be considered - but if the facility would be restricted to airport passengers (i.e. - they would be not be allowed onto the base), they might not be considered part of the protected population.

I've copied Brian O'Connor who does many of our Safe Room reviews in case there are any more questions regarding the population protected.

Thank you,

Eric

Eric D. Kenney, P.E., PMP, CFM

Senior Project Manager

CDM Smith

10560 Arrowhead Drive, Suite 500 | Fairfax, Va | 22030 Phone 703.691.6576 | Fax 703.267.6083

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